

Preface

The Portuguese Association for Information Systems organizes, since 2000, a national conference—Conferência da Associação Portuguesa de Sistemas de Informação (CAPSI).

In 2018, the conference took place in Santarém, in the School of Management and Technology, a structure of the Polytechnic Institute of Santarém. The conference was co-organized by this School and the Management Department of Social Science School of the University of Évora and the University of Santiago, Cape Verde.

The main goal of the conference is to connect the Portuguese IS community integrating researchers hosted in departments of business and management, computer and informatics, and information systems and information technology.

The main theme of the conference was the Industry 4.0 and the information systems. The papers and presentations were organized around specific sessions, such as

- Parallel sessions where full papers were presented;
- Poster sessions that allowed for the presentation of research in progress;
- Project sessions where two research projects in the area of the digitalization of work and the innovation for the Industry 4.0 set the stage for the interaction with participants from the academy and industry; and
- Workshop session where the future of work was discussed with participants from organizations of the labor market.

Axel Uhl, Professor at ZHAW School of Management and Law, Zurich; Manuel Dias, Artificial Intelligence Ambassador at Microsoft; and Ana Neves, Information System Society at Portuguese Foundation for Science and Technology were the conference's invited speakers. They discussed the positive and negative effects on our lives of key digital trends (Axel Uhl), the society's transformation promoted by artificial intelligence (Manuel Dias), and the Internet's governance in 2018 (Ana Neves).

The Lectures Notes integrate the papers that achieved greater consensus on the depth and rigor of the research described in them. They cover the topics such as

business architecture, information system auditing, business process management, research and learning on information systems, information systems management, governance on information systems, innovation and digital government in public sector, innovation and open models, information systems and data modelling, security in information systems, decision support systems, shared services, database management systems, information systems for specific industry, organization and society information systems.

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